7530-274-5494
FEDERAL SUPPLY SERVICE

Date: 13 Jul 76 RH 300
Site: A_1 Sta. No. ØØ7
Gear: Box Corer
Lat: 18° 48.7' N
Long: 66° 19.2' W
Wire par'd out: 11,000m
Bottom depth: 8155m = 8583 m corrected
Coll. RPH

Date: 14 Jul 76 RH 301
Site: A_1 Sta. ØØ9
Gear: Box Corer
Lat: 19° 49.9' N
Long: 66° 19.0' W
Wire par'd out - 8225 m at hit
Bottom depth - 8160 m = 8583 m corrected
Temp. of Mud - 8°C
Coll. RPH

Date: 18 Jul 76 RH 302
Site: A_2 Sta. No. Ø24
Gear: Otter Trawl
Lat: 19° 24.5' N
Long: 66° 19.7' W
Wire par'd out 11,500 m
Bottom depth: 7670m = 8045 m (corrected)
Sample contained a rich population of ultra abyssal anemones.
Higgins received 62 µm fraction
Coll. RPH

Date: 19 Jul 76 RN 303
Site: B_1 Sta. No. Ø25
Gear: SBT (Standard Biological Trawl)
Lat: 18° 33.9' N
Long: 66° 17.5' W
Bottom Depth: ~~1040~~ 1035 M
Coll. RPN

Date: 19 Jul 76 RN 304
Site: B_1 Sta. No. Ø26
Gear: SBT (Standard Biological Trawl)
Lat: 18° 34.9' N
Long. 66° 17.8' W
Bottom Depth: 960M
Coll. RPN
~~Date~~:

Date: 20 Jul 76 RN 305
Site: B_2 Sta. No. Ø29
Gear: SBT (Standard Biological Trawl)
Lat: 18° 51.2' N
Long: 66° 16.8' W
Bottom Depth: 3056 M
Coll: RPN

Date: 20 Jul 76 RN 306
Site: B_2 Sta. Ø3Ø
Gear: SBT (Standard Biological Trawl)
Lat: 18° 54.7' N
Long: 66° 15.0' W

Sta: Ø3Ø (con't)
Bottom Depth: 3189M (Trouble w. winch - caused some initial washing out of sample.

Tampa Bay

Station #1 [redacted]
Station #2
Station #3
Station #4
Station #5
Station #6

Mailed spms to Bob George 5/5/77

ID WRIGHT BOX CORER 17 X 19.5 cm

AREA = 331.5 cm² ≈ 0.033 m²

CONVERSION TO M² X by 30.16

.033 m²

RH 301 X Population Counts

Nematodes	329
Copepodes	~~44~~ 43
Unknown	9
Amphipodes	1
Pelecypoda	1
Isopods	1

RH 304 B

1st cm

Nematodes	21	} (28)
Copepodes	7	

2nd cm

Nematodes	11	} (20)
Copepodes	9	

3rd cm

Nematodes	0	} (1) Barren sample very few plants fecal pellets
Copepodes	1	

4th cm

Nematodes	3	} (5) Sample such as plant debrates
Copepodes	2	

5th cm

Nematodes	3	} (10)
Copepodes	7	

RH 301 A

1st com

Nematoda	29	32
Copepoda	3	

2nd com

Nematoda	15	15
Copepoda	0	

3rd com

Nematoda	18	20
Copepoda	2	

4th com

Nematoda	8	8
Copepoda	0	

5th com

Nematodes	2	5
Copepodes	2	
Barn. Naup.	1	(Scalpellum ?)
Gastropode	1	

6th com

Nematodes	3	10
Copepodes	7	

RH 301 B

6th com

Nematodes	3	11
Copepodes	8	

7th com

Nematodes	3	6
Copepodes	3	

RH 301 A

1st cm

Nematodes	1	
Copepods	3	(Cop. Naup) ⊕

RH 300X } Numerous gastropod shells which were unstained but appeared to contain remnants of the organism

RH 300 X

Nematodes	251	
Cope	60	
Isopod	0	
Unknown	5	
Amphipod	1	
Poly	1	
Gastropod	9	(were unstained – ques. if they were living)

RH 300 A

1st cm

Nema	27
Cope	19
Unkn	9
Acar	1

2nd cm

Nema	24
Cope	3
Unkn	1

3rd cm

Nema	7
Cope	6
Unkn	19

4th cm

Nema	0
Cope	7

5th cm

Nema	6
Cope	16

6th cm

Nema	2
Cope	4

7th cm

Nema	0
Cope	1

RH 300 B

1st cm

Nema 31
Cope 6
Unkn 1

2nd cm

Nema 4
Cope 7

3rd cm

Nema 2
Cope 3

4th cm

Nema 2
Cope 7

5th cm

Unkn 1
Cope 2

6th cm - extremely sandy

Cope 4
Unkn 1

7th cm

Nema 0
Cope 1

RH 311

Sept. 27, 1976
RP Higgins

Marshes - 500 meters NE of lab,
Georgetown, S.C.

RH 310
Sept. 23, 1976
RP Higgins
Wrightsville Beach, NC. 1 Mile North Masonboro Inlet between Mary Island & beach.

RH 312

Sept. 28, 1976
RPH

In fouling community on floating dock at Clambogah. Baruch Institute
Georgetown, S.C.

See RH 202

Removed 20 specimens from RH 311.4 + 311.1

RH 311.1 Live Centrifugation

Supernate - 124 kino
Pellets - 12 kino

RH 311.4 Formalinized Centrifugation

Supernate - 45 kino
Pellets - 171 kino

Sediment contained a profuse amt of detritus & fecal material

RH 311.2 Live Centrifugation = RH 311A

a lot of juvenile specimens

Supernate ([redacted] mud flocculent material) - 306 kino
Pellets - 7 very few fecal pellets

split 1/3 - 2/3
counts
measure = 75cm²

RH 311.5 Formalized (recpun 10/21/76 = RH311B

Split 1/3 for statistical data - 1/17/78 89 kino. in 1/3 split

Supernate (not very much flocculent mat) 20
Pellets · 251 kino (not very many juveniles)

RH 311.3 Live Centrifugation = RH311C

Supernate - 68
Pellets - 114

RH 311.6 Formalized
Supernate - 68

RH312 - 217 Sulcicavium sorted
Some sediment unsorted
36 removed for SEM
11 removed for mounting
10 removed for SEM

RH 313A
Supernatant = 67 kinorhynchs
Pellet - 24 kinorhynchs
91 1 broken spec - 90 mounted

all small! poor quality

RH 313B
Supernatant = 14 kinorhynchs
Pellet - 4 kinorhynchs

RH 313C
Supernatant = 26 kinorhynchs

RH 313 - Tuftia spec - removed 43 kinor for SEM

RH 314
Col. John Fleeger - 18 spec. - sample lost in the mail

RH 313C
Supernatant - 46 kinorhynchs
Pellet 24
50

Non-centrifuged
RH315 A - 22 kinorhynchs
RH315 B - 8 kinorhynchs
RH315 C - 3 kinorhynchs

Luis Centrifugates — March Sample

RH 316 A	Supernatant 3 tubes	Pellet 1 tube	4
✓ RH 316 B	Supernatant 2 tubes	Pellet 6 tubes	8
✓ RH 316 C	Supernatant 4 tubes	Pellet 6 tubes	10
✓ RH 316 D	Supernatant 13	Pellet 2	15

Lieu Centrifugation -- May 26

	Supernatant	Pellet	
RH 317 A	29	11	} 40
RH 317 B	16	7	} 23 all 5
RH 317 C	9	3	} 12

	supernatant	Pellet	TOTAL
RH 318 A	11	22	33
RH 318 B	38	89	~~136~~ 127
contains many juvenile stage			
[illegible]	21	14	45

Meiostecher ($A = 25 cm^2$)
133

organisms X (40) = no/m²

Small Jars ($A = 15.9 cm^2$)

X (62.9)

Coull Corer ($A = 5.3 cm^2$)

X (179)

Standard $A = 9.1 cm^2$

X (110)

Meiostecher (A = 25 cm²)

133

organisms X 40 = no/m²

Small Jars (A = 15.9 cm²)

X 62.9

Jam Jar

Coull Corer (A = 5.3 cm²)

X 179

Standard A = 9.1 cm²

X 110

	Supernatant	Pellet	TOTAL
RH 318 A	11	22	33
RH 318 B	38	89	~~136~~ 127
contains many juvenile stages			
RH 318 C	31	14	45

Whole sample - no supernatant

RH 319 A - 34 Total

RH 319 B - 6 few nema or copa also

RH 319 C - 7

Type of Transaction - Gift, Loan, For identification

Activities for May

Sorted thru 35 stations from USARP collection, Islas Orcadas, Gr. 575 Ref. 705 (SOSC)